APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Effect of X-Rays and Degrenol of the Incorporation of Thymidine Into Ehrlich's Ascites Tumor of Mice and Rat Bone Marrow in Vitro, by J. Jasinska, A. Michalowski, 5 pp.

POLISH, per, Nowotwory, Vol XII, No 4, 1962, pp 219-224.

OTS 62-11066
PL-480

244,948

Sci - Biol & Med Sci
Dec 63

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Anemia of Gastric Cancer, by L. Cholewa, L. Nosek, 10 pp.

POLISH, per, Nowotwory, Vol XII, No 4, 1962, pp 224-234.

OTS 63-11409
PL-480

Sci - Biol & Med Sci
Dec 63

244,966

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Acinous Adenocarcionoma of the Salivary Gland,
by Ludwika Sikorowa,

POLISH, per, Nowotwory, Vol XII, 1962,
pp 179-190.

*Navy/NMS

Sci - Biol & Med
Dec 63

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Treatment of Bladder Carcinoma With X-Rays, by
A. Hlinlak, 11 pp.
POLISH, per, Nowotowory, Vol XIII, No 1, 1963.
OTS 63-11x409/6
PL-480

Sci - Biol & Med Sci
Aug 64

264,300

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Malignant Synovioma (An Attempt at Histo-Clinical Correlation), by K. Smolak, K. Szczygiel, 8 pp.
POLISH, per, Nowotwory, Vol XIII, No 1, 1963.
OTS 63-11409/6
PL-480

Sci - Biol & Med Sci
Aug 64

264,302

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

The Technique of Hypophysis Destruction With Yttrium 90 in the Light of Own Experience, by C. Gorski, Z. Malinowski, 10 pp.
POLISH, per, Nowotwory, Vol XIII, No 1, 1963.
OTS 63-11409/6
PL-480

Sci - Biol & Med Sci
Aug 64

264,301

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Mortality From Leukemia in Poland in the Years 1950-1959 With Consideration of Certain Problems of Epidemiology, by P. Rattka, 15 pp.
POLISH, per, Nowotwory, Vol XIII, No 1, 1963.
OTS 64-11409
PL-480

Sci - Biol & Med Sci
Nov 64
Avail From LY/Serials

269,276

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

(2) Part V. The Principal Materials by the Railway Administration. Chap I. Raw Materials and Markets; Chap II. Fuels and Lubricants; Chap III. Products of the Siderurgical Industry; Chap IV. Metals and Non-Ferrous Products. Chap V. Timber and Cross Ties, (See G-593 A 3-4). UNCLASSIFIED

Full translation.

ITALIAN, manual, Nozione sul servizio approvigionamenti nede centrale, by Cesare Anetrini, 1952.

G-2, GSUSA G-593-A 2

WEur - Italy
Economic - Transportation, fuels

Jul 53 CTS 4003

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

(3) Part VII, Procedures for the Purchase and Placing of Supplies. Chap I. Instructions Concerning the Principal Systems Followed for Making Purchases; (4) Part VIII. Chap III. Acceptance Tests, 55 pp.
UNCLASSIFIED

Full translation.

ITALIAN, manual, Nozione sul servizio approvigionamenti sede centrale, by Cesare Anetrini, 1952, (p 94).

G-2, GSUSA G-593-A 3-4

WEur - Italy
Economic - Transportation, rail
Jul 53 CIS 4004

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

(1) Part II, The Supply Service in the Railway Administration. Chap I. The Organization of Supplies in the State Railways; Chap II. Supplies in the Case of Some Foreign Railway Administration, (see G-593 A (3-4), UNCLASSIFIED

Full translation.

ITALIAN, manual, Nozione sul servizio approvigionamenti sede centrale, by Cesare Anetrini, 1952.

G-2, GSUSA G-593-A 1

WEur - Italy
Economic - Transportation, rail, supplies
Jul 53 CTS

4008

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Corsepius, M. and Vogt, K.
OBSERVATIONS ON AND EXPERIENCES WITH THE TOM (TELETYPE ON MULTIPLEX EQUIPMENT) ON SHORT WAVE LINKS AT THE RADIO STATION FRANKFURT ON THE MAIN. [1962] 8p. (tables figs. refs. omitted).
Order from SLA $1.10 62-16945

Trans. of NTZ [Nachrichtentechnische Zeitschrift] (West Germany) 1956 [v. 9] no. 2, p. 55-59.

DESCRIPTORS: Teletype systems, *Radio teletype systems, *Radio transmission, *Multiplex transmission, Errors, Radio stations, Germany.

This paper is a report of observations on and experiences with TOM equipment (teleprinter system employing time multiplex modulation with error compensation) used in the short-wave radio links at the overseas radio receiver station Eschborn of the Federal German Post Office. (Author)

62-16945

I. Title: TOM equipment
I. Corsepius, M.
II. Vogt, K.
III. Title: Teletype . . .

(Research Methods - Communication Theory, TT, v. 8, no. 11)
Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

A New Standing Wave Indicator for Dielectric Surface Wave-Guides, by G. Schulten.
GERMAN, per, NTZ, Vol 14, No 9, 1961, pp 445-448.
NLL Ref: 9022.81 (2477)

Sci-Elec
Mar 69

377,001

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Navigation System for Long-range Missions, by
G. V. Trentini. 21 pp.
GOVERNMENT USE ONLY
GERMAN, per, NTZ-Nachr. Tech. Z. Vol 12, No 10,
1959, pp 501-508.
NASA TT F 12993

sci/electronics
aug 70

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

A Geometric Interpretation of Some Results for the Calculation of Channel, by Claude E. Shannon, 10 pp.

GERMAN, per, NTZ Nachrichtentechnische Zeitschrift, Vol X, No 1, 1957, pp 1-4.

SLA 60-18053

Sci
Vol IV, No 9
Mar 62

183,576

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Deixler, A. and Rusch, E.
MATHEMATICAL AND STATISTICAL APPROACHES TO LIFE MEASURES, AND THEIR APPLICATION TO ELECTRON TUBES. 20p 14refs
Order from SLA $1.60
TT-64-16620

Trans. of NTZ [Nachrichtentechnische Zeitschrift]. (West Germany) 1959 [v. 12] no. 12, p. 613-618.

(Engineering--Electronic, TT, v. 12, no. 4)

TT-64-16620

I. Deixler, A.
II. Rusch, E.

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Radar Cross Section and Reflection Characteristics of Radar Reflectors and Flying Targets. Part 1: Basic Relationships, by P. J. Muenzer.
GERMAN, per, Neue Technische Zeit, No 4, 1964, pp 201-205.
(239)-68-438-GELL - MIT/Lin Lab
Available from NTC

June 69 383,244

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Radar Cross Section and Reflections Characteristics of radar Reflectors and Flying Targets. Part III: Omnilateral Reflectors of Dielectric-Lens Type, by P. J. Muemzer.
GERMAN, per, Neue Technische Zeit, No 6, 1964, pp 287-291.
(240)-68-439-GELL - MIT/Lin Lab
Available from NTC

June 69

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APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Radar Cross Section and Reflection Characteristics of radar Reflectors and flying Targets. Part IV: Spherically Symmetrical Dielectric Lenses, by
P. J. Meunzer.
GERMAN, per, Neue Technische Zeit, N 7, 1964, pp 349-350.
(241)-68-440-GELL
Available from NTC

June 69 383 246

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Growth as a Factor Determining the Most Economic Form of Telecommunication Networks, by K. H. Brabowski, B. Hess.
GERMAN, per, H.T.Z., Vol 17, No 12, 1964, pp 621-625.
GB 54/1998

Sci -
Aug 67

335,798

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

70-13336-06R 203

Winkel, K. zum; Scheer, K. E.

ESSENTIALS OF RENAL SCINTIGRAPHY WITH Hg^{203}-SALYRGAN R, Nuclear-Medizin, v. 2, p. 71-79, 1961.

Figs., tables, refs. omitted.

Order from NTC as 70-13336-06R: HC $ 7.60, MF $ 5.80.

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Catalysis and Stereospecific Polymerization,
by Giulio Natta, 20pp
FRENCH, per, Nucleus, Vol 4, 1963, No 2,
pp 97-108
SLA TT-64-18133

Sci - Chem
June 67

328,950

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Experimental Investigation of the Dynamic Processes in Marine Boiling Water Reactors, by A. Kirchenmayer and G. Keurz. 12 pp.
GOVERNMENT USE ONLY
GERMAN, per, Nucl. Energy Eng. Com. Ships (Munich) 1964, pp. 39-42
NASA TT F 12938

sci/muc
July 70

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

1961 V2 P71-79 70-15335-06R <*> 0

ORDER FROM NTC

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Excitation of Nuclei by Electrons, by
H. R. Robl.
GOVERNMENT USE ONLY
DUTCH, per, Nucl Phys, Vol 2, 1956/1957,
pp 641-650.
NASA TT F-12,317

Sci-Necl Sci
Aug 69 388,726

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Production of Factories, Finished and Under Constructio
Outlined, 14 pp.
SPANISH, bk, nNuestra Industria, No 1, 1964, pp 3-75.
JPRS 23968

LA-Cuba
Econ
Apr 64 254, 177

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Climatology: Tropical and Colombian Climatology, by P. Vila, J. M. Botero. UNCLASSIFIED

SPANISH, bk, Nueva Geografia de Colombia, Bogota, 1945 (Vila), p 51-55, 65-74, 85-89, 159-161, and Geografia de Colombia, E Bogota, 1939 (Botero), p 117, 220-221.

24,897 Navy Tr 1201/HO 246

Scientific - Geophysics Jul 55 CTS/DEX

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

NEW NATIONAL ORDER, PART 3, 9 PP.

SPANICH, RPT, NUEVO ORDAN NACIONAL, NO. 3.

ACSI 1-3092
ID 2214707

LA-ECUADOR
MIL
OCT 62

212,291

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Aluminum Corrosion in Water-Cooled Reactors, by K. H. Buob, E. Schenker, 15 pp.

GERMAN, per, Nuove Technik, Vol III, 1961, pp 288-295. 9095554

AEC Tr-4878

Sci - Chem
Mar 62

186,518

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

63-13128

FABRICATION OF SWAGED UO_2 FUEL ELEMENTS. Quarterly rept. no. 6, 1 Oct-31 Dec 61 [1962] [31]p. Order from OTS or SLA $3.60 EURAEC-238

I EURAEC-238
II EURATOM (Belgium)

Trans. of a rept. from Nuklear-Chemie und -Metallurgie G.m.b.H., Wolfgang bei Hanau am Main (West Germany) n.d.

DESCRIPTORS: *Reactor fuel elements, Fuel elements, *Uranium compounds, *Dioxides, Powder metallurgy, Forging, Reactor fuel cladding, Reactor materials, Tests.

Melted UO_2 powder specially precipitated powder and temperature post-treated powder were used for swaging tests. When melting the UO_2 powder, the burn-out of the tungsten electrodes can be diminished by increasing the hydrogen flow in the melting furnace. V2A tubes, (Nuclear Physics--Nuclear Engineering, TT, v. 9, no. 5)

(over)

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APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Himmelstein, P[aul], Hofmann, P[riedrich] and others.
[PREPARATION] OF URANIUM AND MIXED CARBIDES AND UC-BASED CERMETS, CORROSION PROCESSING AND PROPERTY TESTS. Quarterly rept. no. 4, Apr-June 61. [1962] 8p.
Order from OTS or SLA $1.10 EURAEC-124

Trans. of rept. from Nuklear-Chemie und -Metallurgie G.m.b.H., Wolfgang bei Hanau a.M. (West Germany) 31 July 61.

DESCRIPTORS: *Uranium compounds, *Carbides, *Graphite, *Cermets, Corrosion inhibition, Production, Pellets, Melting, Electrodes, Machining, Solid state physics.

The tests for the fabrication of uranium carbide from uranium oxide and graphite were continued. The construction of a semi-continuous furnace to test the re-
(Nuclear Physics and Nuclear Chemistry, TT, v. 8, no. 9)
(over)

62-32176

I. Himmelstein, P.
II. Hofmann, P.
III. EURAEC-124
IV. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Hofmann, Friedrich and Liebmann, Bernhard.
THE PRODUCTION OF SWAGED OXIDE FUEL ELEMENTS. Quarterly rept. no. 1, 1 May-30 July 60, on Contract 011-60-3-RDA. [1962] 8p [illegible]
TID-12 444
Order from OTS or SLA $1.10 EURAFC-3

Trans. of rept. from Nuklear-Chemie und - Metallurgie G.m.b.H., Wolfgang bei Hanau a.M. (West Germany) 29 Aug [illegible]

DESCRIPTORS: *Fuel elements, Aluminum compounds, Uranium compounds, Oxides, Powders, Production, Tests

During the swaging tests with melted and ground UO_2, the powder was compressed to 95% of its theoretical density. (Author)

(Nuclear Physics--Nuclear Engineering, TI, v. [illegible], no. 9)

62-32165

I. Hofmann, F
II. Liebmann, B
III. EURAFC-3
IV. EURATOM (Belgium)
V. TID-12 444, superseded

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Himm. Int. Ind. Paul and Liebmann, Bernhard.
[PREPARATION] OF URANIUM AND MIXED CARBIDES, AS ALSO OF CERMETS MANUFACTURED FROM URANIUM CARBIDE. INCREASE IN THE RESISTANCE TO CORROSION AND THE EXAMINATION OF THE PROPERTIES OF THESE PRODUCTS.
Quarterly rept. no. 1, 1 May-30 July 60. [1962] 6p.
Supersedes [illegible]
Order from OTS or SLA $1.60 EURAEC-20

Trans. of rept. from Nuklear-Chemie [illegible] gie Cen. E.H., Wolfgang bei Hanau a. M. (West Germany) 29 Aug 60.

DESCRIPTORS: *Uranium compounds, *Carbides, *Cermets, Corrosion inhibition, Production, Reduction, Electric furnaces, Powders.

(Nuclear Physics and Nuclear Chemistry, TT, v. 8, no. 9)

[illegible]

I. Himm. Int. Ind. Paul
II. [illegible]
III. [illegible]
IV. EURATOM [illegible]
V. TIDEX [illegible]

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Hirschenstein, Paul and Liebmann, Bernhard. PREPARATION OF URANIUM AND MIXED CARBIDES AND OF CERMETS, IMPROVED RESISTANCE TO CORROSION AND INVESTIGATION OF THE PROPERTIES. [illegible] Quarterly rept. no. 2 on Contract [illegible] [1962] [illegible] Supersedes TID-[illegible] Order from OTS or [illegible] $1.10 EURAEC-69

[illegible] from Nuclear Chemistry and Metallurgy [illegible] Working by Hanau A. M. (West Germany) [illegible] Nov 60.

DESCRIPTORS: *Uranium compounds, *Carbides, *Cermets, Corrosion inhibition, Production, Machining

[illegible]

[illegible] Nuclear Chemistry, PT. [illegible]

[illegible]

I. Hirschenstein, P.
II. Liebmann, B.
III. EURAEC-69
IV. EURATOM (Belgium)
V. TID-[illegible] supersedes [illegible]

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Himmelstein, P., Liebmann, B., and Schäfer, L.
DEVELOPMENT OF UC-BASED URANIUM CARBIDE AND CERMET FABRICATION PROCESSES. Quarterly rept. 6, 1 Oct-31 Dec 61, on Contract EUR/C/659/61 e. [1962] 10p.
Order from OTS or SLA $1.10 EURAEC-232

Trans. of a rept. from Nukear-Chemie und -Metallurgie G. m. b. H/. Wolfgang bei Hanau am Main (West Germany) n. d.)

DESCRIPTORS: *Fuel rods, *Uranium compounds, *Carbides, *Cermets, Production, Carbon, Chemical analysis, Particles, Pellets, Chemical reactions, Molding materials, Graphite, Smelting, Furnaces, Casting, Extrusion, Mechanical properties

It was shown that UC samples for use in carbon analysis must be comminuted under dried protective gas, since the C- values obtained by mortar-grinding in air (Nuclear Physics—Nuclear Engineering, TT, v. 9, no. 12)
(over)

63-15079

I. Himmelstein, P.
II. Liebmann, B.
III. Schäfer, L.
IV. EURAEC-232
V. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Hofmann, Friedrich and Liebmann, Bernhard.
HOT SWAGING OF URANIUM OXIDE FUEL ELEMENTS. Quarterly rept. no. 2, 1 Aug-31 Oct 60, on Contract 011-60-5-RDA. [1962] 10p. Supersedes TID-12445.
Order from OTS or SLA $1.10 EURAEC-9

Trans. of rept. from Nuklear-Chemie und -Metallurgie G. m. b. H., Wolfgang bei Hanau a. M. (West Germany) [1961].

DESCRIPTORS: *Fuel elements, Uranium compounds, Oxides, Powders, Production, Tests, Temperature

In the period under review, swaging experiments were made with the new powders, various intermediate annealings were tried, the reduction of the swaging density was investigated, hot-swaging experiments were started and further experiments with swaging heads of various shapes were prepared. (Author) (See also 62-32165)

62-32022

I. Hofmann, F.
II. Liebmann, B.
III. EURAEC-9
IV. EURATOM (Belgium)
V. TID-12 445, superseded

(Nuclear Physics--Nuclear Engineering, TT, v. 8, no. 9)
Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Hofmann, F[riedrich] and Liebmann, B[ernhard].
HOT SWAGING OF URANIUM OXIDE FUEL ELEMENTS. Quarterly rept. no. 3, Jan-Mar 61, on Contract EUR/V/2027/61 e. [1962] 15p.
Order from OTS or SLA $1.60 EURAEC-60

Trans. of rept. from Nuklear-Chemie und -Metallurgie G.m.b.H., Wolfgang bei Hanau a.M. (West Germany) 17 May 61.

DESCRIPTORS: *Fuel elements, Uranium compounds, Oxides, Powders, Production, Tests, Temperature

Activities consisted mainly in hot-swaging tests in the 450 to 900°C temperature range. The swaging densities thus achieved were, according to the UO_2 powder used, from 4 to 7% above those obtained under comparable conditions by cold swaging. Powder prepared by melting and grinding was successfully compacted (Nuclear Physics--Nuclear Engineering, TT, v. 8, no. 9) (over)

62-32158

I. Hofmann, F.
II. Liebmann, B.
III. EURAEC-60
IV. EURATOM (Belgium)

Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Kroll, H., ed.
FABRICATION OF SWAGED FUEL ELEMENTS.
Quarterly rept. 8, 1 Apr-30 June 62, on
Contract 062-61-7 RDD. [1962] 33p.
Order from OTS or SLA $3.60 EURAEC-372

Trans. of a rept. from Nuklear-Chemie und -Metallurgie G.m.b.H., Wolfgang bei Hanau a.M. (West Germany) n.d.

DESCRIPTORS: *Reactor fuel elements, Fuelelements, *Uranium compounds, *Dioxides, Powder metallurgy, Reactor fuel cladding, Melting, Vibration, Tests, Tools, Mechanical working, Material forming.

Topics include: UO_2 melting (Fabrication of G powder); cladding material; pre-compacting by vibration; swaging tests; and tests on the swaged fuel element (C/U ratio; density measurements, metallographic investigations, heat conductivity measurements).

(See also EURAEC-323)

63-15801

I. Kroll, H.
II. EURAEC-372
III. European Atomic Energy Community, Brussels (Belgium)

(Nuclear Physics--Nuclear Engineering, TT, v. 10, no. 5)
Office of Technical Services

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Comparative Investigation on the Graphite Grades ALEW/AMT of Sigri and KR66 of Kropfmühl-Ringsdorff, 31 pp.

GERMAN, per, Nuklear-Chemie und Metallurgie G.N.B.G, Dec 1961.

AEC Tr-5211

Sud - Min/Met
Oct 62

212,648

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

APPROVED FOR RELEASE: Monday, September 23, 2002 CIA-RDP84-00581R000401210005-5

Essentials of Renal Scintigraphy With Hg^{203}-Salyrgan,
by K. zum Winkel, K. E. Scheer, 12 pp.

GERMAN, per, Nuklear-Medizin, (Kernmedizin),
Vol II, 1961, pp 71-79.

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CEA-tr-A-937 Uncl.

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Fission Products; Reactor Fuels; Translations
MC-34

C-34 NP NSA Dep.(mc)

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Order from OTS or SLA $1.10 61-13737

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DESCRIPTORS: *Uranium, Separation *Radioactive isotopes, Centrifuges.

(Nuclear Physics and Nuclear Chemistry, TT, v. 6, no. 7)

61-13737

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8-14-61

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CEA-tr-A-938 Uncl.

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C-34 NP NSA Dep.(mc)

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(Messung der Temperaturabhangigkeit der Neutronendiffusion in Wasser und Diphyl mit der Impulsmethode)
[1961] [25]p. (8 figs. 3 tables omitted) 28 refs.
Order from SLA $2.60 61-20508

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DESCRIPTORS: *Water, *Diphenyl, *Oxides, *Thermal neutrons, *Diffusion, Neutron cross sections, Temperature.

With the help of a pulsed neutron source, the absorption cross section, diffusion coefficient, and diffusion cooling coefficient for thermal neutrons are (Nuclear Physics and Nuclear Chemistry, TT, v. 7, no. 8) (over)

61-20508

1. Title: Diphyl
I. Küchle, M.

201439

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tp 59 US-1

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ATS-56F62d

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1963, pp 236-239. 9232877
AEC ANL Tr-282
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23 pp.

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